Manhole Inspection Summary N			M	anhole # S31G027MH
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Inspection	☐ Is Incomplete	Rating: 3) Fair		
Record Plat: 31	1G Node: 027	Status: Found		Insp Date: 12/16/08 1:34 PM
Incomplete Comments				Crew: WJ,DH
				Inspector: wjenkins Firm: PER
				FIIIII. PER
Location	Address: 22 S Arch	St		Cross Street: Redwood St
Manhole	Type: Junction	Location: Parking Lot		Ground Conditions: Dry
	Prev. Rehab	Weather: Dry	5	Subject To Ponding: None
Comments				
Cover	Shape: Circular	Diameter: 31.	(in.) Leng	th: 0 (in.) Dist A/B Grade: 0 (in.)
	Type: Sanitary	Condition: Sour	nd	Cover Material: Cast Iron
Properties:	☐ Bolted ✓ Vente	ed	☐ Water T	ight Insert
Frame	Offset: 0 (in.)	Condition: Sound	☐ Crac	ked
Chimney / Frame Adjustment				
Condition: ✓ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated				
Infiltration: ☐ None ✓ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall				
Corbel	Material: Brick			
Condition:	✓ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated			
Infiltration:	✓ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall			
Barrel	Material: Brick			
Shape:	: Circular Diameter: 52 (in.) Length: 0 (in.)			
Condition:	✓ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated			
Infiltration:	✓ None ☐ Joint	☐ Cracks ☐ Morta	ar 🗌 Ro	ots
Bench	✓ Exists Material: E	Brick	☐ Parge	ed
Condition:	✓ Sound ☐ Cracke	ed Root Intrusion	□ Deteri	iorated Leaks Debris
Channel	Material: Brick Parged			
Channel Exposure: Fully Open Junc Dist: 0 nearest .5 ft. Azimuth: 0				
Condition:	✓ Sound ☐ Cracke	ed Root Intrusion	Deteri	iorated Leaks Debris
Steps	Count: 5 Missing:	0 Corroded		
Surcharge	✓ Evidence Of Sur	charge Depth: 4 (f	ft.) 🗌 Acti	ve Surcharge Present

Manhole Inspection Summary

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Location View



cover pic



Defect 1



lid/frame infiltration

Top View



Defect 2



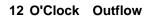
chimney infiltration and evidence of surcharge on steps

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10 in. Circular Gravity Sewer Pipe Out @ 12 OClock





Pipe Height: **10.8** (in.) Rod and Bar (Angled)

Pipe Material: Clay

Invert Depth: 11.47 (ft.) Flow Characteristics: Fast

Deposits: ✓ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: **0** (in.) Deposits Extent:

Infiltration: None Pipe Seal Cond: Sound

Drop: None

Connects To: Manhole

Possible Illicit Connection

8 in. Circular Gravity Sewer Pipe In @ 3 OClock



Drop In @ 3 OClock



Pipe Height: 8.4 (in.) Rod and Bar (Angled)

Pipe Material: Clay

Invert Depth: 5.53 (ft.) Flow Characteristics: Slow

Deposits: ✓ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: **0** (in.) Deposits Extent:

Infiltration: None Pipe Seal Cond: Sound

Drop: Outside Rod and Bar

Angled: **Yes** Reading: **9.73** (ft.)

Inv Depth: 10.73 (ft.)

3 O'Clock Inflow

Drop Condition: Open

Connects To: Dead End

☐ Possible Illicit Connection

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10 in. Circular Gravity Sewer Pipe In @ 6 OClock





Pipe Height: 10.8 (in.) Rod and Bar (Angled)

Pipe Material: Clay □ Pipe Lined

Invert Depth: 10.71 (ft.) Flow Characteristics: Fast

Deposits: ✓ None □ Mud □ Sludge □ Debris □ Grease

Silt Depth: 0 (in.) Deposits Extent:

Filtration: Nana Pina Saal Cond: Sound

Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **Manhole**Possible Illicit Connection